

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 27

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Remarks	Medium
				Basis								
27	21992	5	N	BREEZE CREEK	WG95PJ	0	04N	01E	03	Fecal Coliform		Water
Clark County unpublished data from station BRZ010 (Breeze Cr upstrm of LaCenter Btms bridge) show a geometric mean of 652 cfu/100mL from 6 samples collected in 2002.												
27	10014	5	N	CEDAR CREEK	CP21GZ	3.928	05N	02E	08	Fecal Coliform		Water
Summers (2001) station SRIW2703 (WATER QUALITY AT GRIST MILL/TRAP) shows the geometric mean of 16 does not exceed the criterion and that 0 % of the samples does not exceed the percentile criterion from 3 samples collected during 2000.; Summers (2001) station SRIW2703 (WATER QUALITY AT GRIST MILL/TRAP) shows the geometric mean of 57 does not exceed the criterion and that 22 % of the samples exceeds the percentile criterion from 9 samples collected during 2001.;												
27	37822	5	N	CLEAR CREEK	KD11RD	2.293	08N	07E	31	Temperature		Water
Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 6 separate years from measurements collected during 1991,1997-2002 at the station called 'Near confluence w/ Muddy River'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 16.4 degrees C from continuous measurements collected during 1991,1997-2002 at the station called 'Near confluence w/ Muddy River'.												
27	37825	5	N	CLEARWATER CREEK	SA80NM	0.653	08N	06E	14	Temperature		Water
Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 5 separate years from measurements collected during 1996-1999,2001-2002 at the station called '8 Miles above Muddy River'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 13.9 degrees C from continuous measurements collected during 1996-1999,2001-2002 at the station called '8 Miles above Muddy River'.												
27	8782	5	Y	COLUMBIA RIVER	NN57SG	46122A8A5	46.005		122.855	Dieldrin		Tissue
Tetra Tech, 1993 , 3 excursions beyond the national toxics rule criterion in the edible tissue of a individual White Sturgeon at RM 75.												
27	8783	5	Y	COLUMBIA RIVER	NN57SG	46122A8A5	46.005		122.855	Total PCBs		Tissue
Tetra Tech, 1993 , 3 excursions beyond the national toxics rule criterion in the edible tissue of a individual White Sturgeon at RM 75.												
27	37821	5	N	COPPER CREEK	SP80TK	2.443	04N	05E	30	Temperature		Water
Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 8 separate years from measurements collected during 1977-1981,1996-2002 at the station called 'Above Bolin Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 17.2 degrees C from continuous measurements collected during 1977-1981,1996-2002 at the station called 'Above Bolin Creek'.												

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information					Parameter	Remarks	Medium
27	16772	5	N	GEE CREEK Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27F070 (Gee Creek at Ridgefield) shows a geometric mean of 132 exceeds the criterion and that 33% of the samples exceeds the percentile criterion from 3 samples collected during 1994.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27F070 (Gee Creek at Ridgefield) shows a geometric mean of 137 exceeds the criterion and that 44% of the samples exceeds the percentile criterion from 9 samples collected during 1995.	FH67KG	7.267	04N	01E	37	Fecal Coliform		Water
27	21994	5	N	GEE CREEK Clark County unpublished data from station GEE050 (Gee Cr dnstrm of Royle Road) show a geometric mean of 304 cfu/100mL from 6 samples collected in 2002.	FH67KG	9.452	04N	01E	29	Fecal Coliform		Water
27	6341	5	N	HORSESHOE LAKE Completed Phase I State Clean Lakes Restoration Project in 1993: Welch, et al. 1992.	323GIS	36N	01W	33		Total Phosphorus	Active Phase II State Clean Lakes Restoration Project: Implementation of control methods based on the Phase I Study underway.	Water
27	6587	5	Y	KALAMA RIVER Dept. of Ecology unpublished data from core ambient monitoring station 27B070 (Kalama R. near Kalama) shows a 7-day mean of daily maximum values of 20.2 for mid-week 10 August 2001.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27B070 (KALAMA RIVER NEAR KALAMA) shows 0 excursions beyond the criterion out of 41 samples collected between 1993 - 2001	QB31IV	4.11	07N	01W	32	Temperature		Water
27	37818	5	N	LEWIS RIVER Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 11 separate years from measurements collected during 1975-1988,1991,1997-2000,2002 at the station called 'Above Curly Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 15.4 degrees C from continuous measurements collected during 1975-1988,1991,1997-2000,2002 at the station called 'Above Curly Creek'.	CP62CH	93.222	07N	07E	29	Temperature		Water
27	37833	5	N	LEWIS RIVER Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 2 separate years from measurements collected during 2001-2002 at the station called 'Above Big Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 16.2 degrees C from continuous measurements collected during 2001-2002 at the station called 'Above Big Creek'.	CP62CH	100.504	07N	07E	10	Temperature		Water
27	6532	5	N	LEWIS RIVER Unpublished data from Cowlitz PUD station S2 (Swift #1 Tailrace) shows the the criterion was exceeded 9 out of 10 days measured during 2000.	CP62CH	72.487	07N	05E	28	Total Dissolved Gas		Water
27	6535	5	N	LEWIS RIVER Unpublished data from Cowlitz PUD station S5 (Swift #2 Tailrace) shows the the criterion was exceeded 3 out of 10 days measured during 2000. Unpublished data from Cowlitz PUD station Y1 (Swift #2 Tailrace) shows the the criterion was exceeded 11 out of 43 days measured during 2000.	CP62CH	67.018	07N	04E	25	Total Dissolved Gas		Water

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27	6542	5	N	LEWIS RIVER	CP62CH	53.089	06N	04E	32	Total Dissolved Gas		Water
Unpublished data from Cowlitz PUD station Y7 (Yale Tailrace) shows the the criterion was exceeded 14 out of 20 days measured during 2000.												
Unpublished data from Cowlitz PUD station M1 (Yale Tailrace) shows the the criterion was exceeded 0 out of 20 days measured during 2000.												
27	7815	5	Y	LEWIS RIVER, E.F.	EI60MF	3.951	04N	01E	03	Fecal Coliform		Water
Hutton (1994) shows 5 excursions beyond the criterion at the Pollack Road station in 1991 and 1992.											Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	
27	7818	5	Y	LEWIS RIVER, E.F.	EI60MF	37.736	04N	03E	13	Fecal Coliform		Water
Hutton (1994) shows 6 excursions beyond the criterion at the Moulton Falls station in 1991 and 1992.											Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	
27	16771	5	N	LEWIS RIVER, E.F.	EI60MF	15.026	04N	02E	20	Fecal Coliform		Water
Hallock (2004), Dept. of Ecology ambient station 27D090 shows 1 of 4 samples (25%) in year 2001 exceeded the percentile criterion and 1 of 12 samples (8.3%) in year 2002 exceeded the percentile criterion.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 16 does not exceed the criterion and that 11% of the samples exceeds the percentile criterion from 9 samples collected during 2001.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 7 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 13 samples collected during 2000.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 9 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 14 samples collected during 1999.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 11 does not exceed the criterion and that 6% of the samples does not exceed the percentile criterion from 17 samples collected during 1998.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 11 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 10 samples collected during 1997.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 8 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 6 samples collected during 1996.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 27 does not exceed the criterion and that 20% of the samples exceeds the percentile criterion from 10 samples collected during 1995.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (Lewis R E.F. near Dollar Corner) shows a geometric mean of 14 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 3 samples collected during 1994.												

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27	6588	5	Y	LEWIS RIVER, E.F. Dept. of Ecology unpublished data from core ambient monitoring station 27D090 (Lewis R E.F. near Dollar Corner) shows a 7-day mean of daily maximum values of 24.4 for mid-week 10 August 2001.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 27D090 (EF LEWIS RIVER NEAR DOLLAR CORNER) shows 7 excursions beyond the criterion out of 41 samples collected between 1993 - 2001	EI60MF	15.026	04N	02E	20	Temperature		Water
27	37824	5	N	LEWIS RIVER, E.F. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 5 separate years from measurements collected during 1997,1999-2002 at the station called 'Above Niccolls Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 18.5 degrees C from continuous measurements collected during 1997,1999-2002 at the station called 'Above Niccolls Creek'.	EI60MF	45.53	04N	04E	22	Temperature		Water
27	37826	5	N	LEWIS RIVER, E.F. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 3 separate years from measurements collected during 1996-1998 at the station called 'Below McKinley Cr.'.	EI60MF	54.79	04N	05E	16	Temperature		Water
27	37828	5	N	LEWIS RIVER, E.F. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 3 separate years from measurements collected during 1999-2002 at the station called 'Above Green Fork'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 16.1 degrees C from continuous measurements collected during 1999-2002 at the station called 'Above Green Fork'.	EI60MF	58.932	04N	05E	23	Temperature		Water
27	37831	5	N	LEWIS RIVER, E.F. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 2 separate years from measurements collected during 2001-2002 at the station called 'Below Sunset Falls Campground'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 17.8 degrees C from continuous measurements collected during 2001-2002 at the station called 'Below Sunset Falls Campground'.	EI60MF	60.955	04N	05E	24	Temperature		Water
27	37832	5	N	LEWIS RIVER, E.F. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 2 separate years from measurements collected during 2001-2002 at the station called 'Below Slide Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 16.5 degrees C from continuous measurements collected during 2001-2002 at the station called 'Below Slide Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 2 separate years from measurements collected during 2001-2002 at the station called 'Above Slide Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 16 degrees C from continuous measurements collected during 2001-2002 at the station called 'Above Slide Creek'.	EI60MF	52.764	04N	05E	17	Temperature		Water

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27	7819	5	Y	LOCKWOOD CREEK Hutton (1994) shows 9 excursions beyond the criterion at the Lockwood Creek Road station in 1991 and 1992.	YD45JI	1.579	04N	01E	01	Fecal Coliform		Water
											Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	
27	7822	5	Y	MCCORMICK CREEK Hutton (1994) shows 12 excursions beyond the criterion at the NW LaCenter Road station in 1991 and 1992.	GF76XA	1.841	04N	01E	09	Fecal Coliform		Water
											Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.	
27	37820	5	N	MUDDY RIVER Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 8 separate years from measurements collected during 1991,1996-2002 at the station called 'Above Clear Creek confluence'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 19 degrees C from continuous measurements collected during 1991,1996-2002 at the station called 'Above Clear Creek confluence'.	GU87UX	7.211	07N	06E	01	Temperature		Water
27	37830	5	N	MUDDY RIVER Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 2 separate years from measurements collected during 2001-2002 at the station called 'Below Clear Creek confluence'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 19.7 degrees C from continuous measurements collected during 2001-2002 at the station called 'Below Clear Creek confluence'.	GU87UX	4.602	07N	06E	12	Temperature		Water
27	37819	5	N	QUARTZ CREEK Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 9 separate years from measurements collected during 1977-1979,1982-1984,1988,1991 at the station called 'Below Platinum Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 15.6 degrees C from continuous measurements collected during 1977-1979,1982-1984,1988,1991 at the station called 'Below Platinum Creek'.	XY22UH	0	08N	08E	18	Temperature		Water
27	37827	5	N	QUARTZ CREEK Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 3 separate years from measurements collected during 2000-2002 at the station called 'Above Platinum Creek'. Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows a maximum 7-day mean of daily maximum values of 16.1 degrees C from continuous measurements collected during 2000-2002 at the station called 'Above Platinum Creek'. Department of Ecology unpublished data from EMAP station R0CE99-R9808 (QUARTZ CREEK) shows no excursions beyond the criterion from measurements made in 1999.	XY22UH	1.443	08N	08E	07	Temperature		Water
27	21995	5	N	ROCK CREEK Clark County unpublished data from station RCN050 (Rock Cr North upstrm of Gabriel Road) show a geometric mean of 83 cfu/100mL with 16% of samples above the percentile criterion from 6 samples collected in 2002.	XD64JB	5.112	05N	02E	36	Fecal Coliform		Water

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27	7824	5	Y	ROCK CREEK (NORTH) Hutton (1994) shows 11 excursions beyond the criterion at the NE Rock Creek Road station in 1991 and 1992.	XD64JB	2.821	04N	02E	02	Fecal Coliform	Water	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.
27	7825	5	Y	ROCK CREEK (SOUTH) Hutton (1994) shows 7 excursions beyond the criterion at the Dole Valley Road station in 1991 and 1992.	MI81KO	5.448	03N	04E	05	Fecal Coliform	Water	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.
27	37823	5	N	SIOUXON CREEK Gifford Pinchot National Forest unpublished data (submitted by Claire Lavendel on 16 December 2002) shows temperature was exceeded in 5 separate years from measurements collected during 1996-2000 at the station called 'Below West Creek'. Department of Ecology unpublished data from EMAP station R0CE99-R9801 (SIOUXON CREEK) shows no excursions beyond the criterion from measurements made in 1999.	IB29HY	14.026	05N	05E	03	Temperature	Water	
27	6533	5	N	SWIFT CREEK #2 POWER CANAL Unpublished data from Cowlitz PUD station S3 (Mid-power Canal) shows the the criterion was exceeded 9 out of 10 days measured during 2000.	IN95IE	1.896	07N	05E	30	Total Dissolved Gas	Water	
27	7826	5	Y	YACOLT CREEK Hutton (1994) shows 8 excursions beyond the criterion at the NE Railroad Ave station in 1991 and 1992.	KS71ST	0.04	04N	03E	12	Fecal Coliform	Water	Fecal coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.